

Allowance

1. Claims 1, 5-8, 12-15, 19-23 are allowed.
2. The following is an examiner's statement of reasons for allowance:

As to claims 1, 8, 15, 22, 23, the prior art as taught Lee(US 2003/0135465 A1), Leahy et al (US 2004/0133478 A1) and Pageet et al (US. 5,812768) do not teach on render obvious the limitations recited in claims 1, 8, 15, 22, 23, when taken in the context of the claims as a whole, wherein the wrapper object is adapted for compressing data in a portable executable (PE) image that provides compression of data associated with the applications; wherein the wrapper object equips the compressed data with extractor code adapted for extracting the data in the PE image; wherein the extractor code is further adapted for interfacing with the second application program interface object; wherein the applications are selected from a group of applications adapted for working in conjunction with the first application program interface to gain access to a network; wherein the second application program interface object adapted for precluding the applications from accessing the network is installed as recited in the independent claims 1, 8, 15, 22, 23. Moreover, evidence for modifying the prior art teachings by one of ordinary skill level in the art was not uncovered so as to result in the invention as recited in claims 1, 8, 15, 22, 23.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LeChi Truong whose telephone number is (571) 272 3767. The examiner can normally be reached on 8 - 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomson, William can be reached on (571) 272 3718. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306. information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIP. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIP system, contact the Electronic Business Center (EBC) at 866-217-9197(toll-free).

LeChi Truong

/Thomson D. William/

Supervisory Patent Examiner, Art Unit 2194

March 13, 2008

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Kevin J. Zilka (Reg. No. 41,429) on 1/25/2008.

3. Amend the following claims:

Amended claims follow.

1. (Currently Amended) A method for management of network access on a per application basis, comprising:
 - (a) selecting applications from a group of applications adapted for working in conjunction with a first application program interface to gain access to a network, the first application program interface adapted for permitting the applications to gain access to the network;

- (b) installing a second application program interface adapted for precluding the applications from accessing the network; and
- (c) wrapping the selected applications for allowing the selected applications to access the network via the second application program interface, where the selected applications would otherwise be precluded network access by the second application program interface;

wherein the selected applications are wrapped with a wrapper adapted for compressing data in a portable executable (PE) image that provides compression of data associated with the applications;

wherein the wrapper equips the compressed data with extractor code adapted for extracting the data in the PE image;

wherein the extractor code is further adapted for interfacing with the second application program interface.

- 2. (Cancelled)
- 3. (Cancelled)
- 4. (Cancelled)
- 5. (Currently Amended) The method as recited in claim [[2]]1, wherein the wrapper is further adapted for identifying a location in memory.

6. (Original) The method as recited in claim 5, wherein the location in memory is where a routine is stored for allowing the selected applications to access the network.
7. (Original) The method as recited in claim 1, and further comprising allowing a user to select the applications to be allowed to access the network via the second application program interface.
8. (Currently Amended) A computer program product embodied on a tangible computer readable medium for management of network access on a per application basis, comprising:
 - (a) computer code for selecting applications from a group of applications adapted for working in conjunction with a first application program interface to gain access to a network, the first application program interface adapted for permitting the applications to gain access to the network;
 - (b) computer code for installing a second application program interface adapted for precluding the applications from accessing the network; and
 - (c) computer code for wrapping the selected applications for allowing the selected applications to access the network via the second application program interface, where the selected applications would otherwise be precluded network access by the second application program interface;

wherein the selected applications are wrapped with a wrapper adapted for compressing data in a portable executable (PE) image that provides compression of data associated with the applications;

wherein the wrapper equips the compressed data with extractor code adapted for extracting the data in the PE image;

wherein the extractor code is further adapted for interfacing with the second application program interface.

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Currently Amended) The computer program product as recited in claim [[9]]8, wherein the wrapper is further adapted for identifying a location in memory.

13. (Original) The computer program product as recited in claim 12, wherein the location in memory is where a routine is stored for allowing the selected applications to access the network.

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14. (Original) The computer program product as recited in claim 8, and further comprising computer code for allowing a user to select the applications to be allowed to access the network via the second application program interface.
15. (Currently Amended) A system including a tangible computer readable medium for management of network access on a per application basis, comprising:
 - (a) logic for selecting applications from a group of applications adapted for working in conjunction with a first application program interface to gain access to a network, the first application program interface adapted for permitting the applications to gain access to the network;
 - (b) logic for installing a second application program interface adapted for precluding the applications from accessing the network; and
 - (c) logic for wrapping the selected applications for allowing the selected applications to access the network via the second application program interface, where the selected applications would otherwise be precluded network access by the second application program interface;

wherein the selected applications are wrapped with a wrapper adapted for compressing data in a portable executable (PE) image that provides compression of data associated with the applications;

wherein the wrapper equips the compressed data with extractor code adapted for extracting the data in the PE image;

wherein the extractor code is further adapted for interfacing with the second application program interface.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Currently Amended) The system as recited in claim ~~[[16]]~~15, wherein the wrapper is further adapted for identifying a location in memory.

20. (Original) The system as recited in claim 19, wherein the location in memory is where a routine is stored for allowing the selected applications to access the network.

21. (Original) The system as recited in claim 15, and further comprising logic for allowing a user to select the applications to be allowed to access the network via the second application program interface.

22. (Currently Amended) A system including a tangible computer readable medium for management of network access on a per application basis, comprising:

(a) means for selecting applications from a group of applications adapted for working in conjunction with a first application program interface to gain access to a network, the first application program interface adapted permitting the applications to gain access to the network;

(b) means for installing a second application program interface adapted for precluding the applications from accessing the network; and

(c) means for wrapping the selected applications for allowing the selected applications to access the network via the second application program interface, where the selected applications would otherwise be precluded network access by the second application program interface;

wherein the selected applications are wrapped with a wrapper adapted for compressing data in a portable executable (PE) image that provides compression of data associated with the applications;

wherein the wrapper equips the compressed data with extractor code adapted for extracting the data in the PE image;

wherein the extractor code is further adapted for interfacing with the second application program interface.

23. (Currently Amended) A data structure embodied on a tangible computer readable medium stored in memory for management of network access on a per application basis, comprising:

- (a) a second application program interface object for precluding a plurality of applications from accessing a network, wherein a ~~permitting~~ first application program interface is adapted for permitting the applications to gain access to the network; and
- (b) a wrapper object for wrapping selected applications for allowing the selected applications to access the network via the second application program interface object, where the selected applications would otherwise be precluded network access by the second application program interface object;
- wherein the wrapper object is adapted for compressing data in a portable executable (PE) image that provides compression of data associated with the applications;
- wherein the wrapper object equips the compressed data with extractor code adapted for extracting the data in the PE image;
- wherein the extractor code is further adapted for interfacing with the second application program interface object;
- wherein the applications are selected from a group of applications adapted for working in conjunction with the first application program interface to gain access to a network;
- wherein the second application program interface object adapted for precluding the applications from accessing the network is installed.

25. (Previously Presented) The method as recited in claim 2, wherein the PE image includes a header, a stub program, a file signature, a text section header, a .bss section header, a .rdata section header, and a .debug section header.
26. (Previously Presented) The method as recited in claim 1, wherein the applications include a word processor application, a database program, a browser program, a development tool program, a drawing program, an image editing program, and a communication program.
27. (Previously Presented) The method as recited in claim 1, wherein the second application program interface is adapted for precluding the applications from accessing the network utilizing a network card.
28. (Previously Presented) The method as recited in claim 1, wherein the second application program interface includes a modified copy of the first application program interface.
29. (Previously Presented) The method as recited in claim 1, wherein the second application program interface is separate from the first application program interface.

Conclusion

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